Attorney Docket No. 12622US03

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT APPLICATION OF:

SHANNA D. KNIGHTS,
JARED L. TAYLOR,
DAVID P. WILKINSON and
STEPHEN A. CAMPBELL

SERIAL NO. 10/689,876

FILED: October 20, 2003

FOR: SUPPORTED CATALYSTS FOR THE ANODE OF A VOLTAGE REVERSAL TOLERANT FUEL CELL

GROUP ART UNIT: 1745

EXAMINER: Not yet assigned.

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this date:

February 9, 2004

Robert W. Fieseler
Registration No. 31,826
Attorney for Applicants

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Applicants submit herewith form PTO/SB/08A listing the cited references. Applicants also submit herewith a copy of each of the foreign documents and other

publications cited, for consideration by the U.S. Patent and Trademark Office in connection with the above application.

U.S. Patent No.	Inventor(s)	Date
4,454,169	Hinden et al.	06/1984
4,716,087	Ito et al.	12/1987
5,681,435	Joshi et al.	10/1997
5,871,860	Frost et al.	02/1999
5,904,832	Clifford et al.	05/1999
6,007,934	Auer et al.	12/1999
6,165,635	Auer et al.	12/2000

Foreign Patent No.	Country	Date
0 047 595	Europe	04/1985
0 827 225	Europe	03/1998
WO 99/53557	PCT	10/1999
0 450 849	Europe	01/2000
0 872 906	Europe	10/2000
WO 01/15247	PCT	03/2001
09-035736	Japan	07/1997
10-270057	Japan	01/2002
0 716 463	EPO	06/1992

Publication/Abstracts	Author(s)	Date
"Carbon: Electrochemical and Physicochemical Properties", John Wiley & Sons, Inc., New York, USA pp. 390-391	Kinoshita	1988

Publication/Abstracts	Author(s)	Date
"Nafion®-bonded porous titanium oxide electrodes for oxygen evolution: towards a regenerative fuel cell," *J. of Applied Electrochemistry, 21:982-985*	Hamnett et al.	1991
"Simulation Studies on the Fuel Electrode of a H_2-O_2 Polymer Electrolyte Fuel Cell," Electrochimica Acta, Vol. 37 No. 15, pp. 2737-2745.	Wang et al.	1992
"New Materials for Water Electrolysis and Photoelectrolysis," *Hydrogen Energy World Conference*, pp. 2065-2092	Savadogo	1996
"Fuel Cells and Their Applications," VCH Publishers, Inc.	Kordesch and Simader	1996
"Regenerative Fuel Cell Subsystems", *Electrochemistry Course 869 at Simon Fraser University,* pp. 1-12	Unknown	11/96

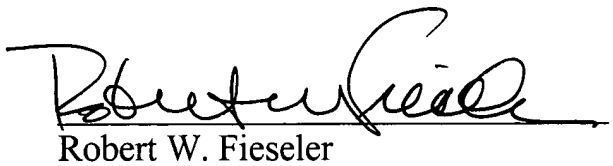
Publication/Abstracts	Author(s)	Date
"Low Cost Electrodes for Proton Exchange Membrane Fuel Cells", *Journal Of The Electrochemical Society, 144(11):*3845-3857	Ralph et al.	11/97
"Measurements of Proton Conductivity in the Active Layer of PEM Fuel Cell Gas Diffusion Electrodes," Electrochimica Acta, Vol. 43, No. 24, pp. 3703-09.	Boyer et al.	1998
"Composition and Performance Modeling of Catalyst Layer in a Proton Exchange Membrane Fuel Cell," Journal of Power Sources, Vol. 77 No.1, pp. 17-27.	Marr et al.	1999

The above references are listed on the enclosed substitute Form PTO/SB/08A entitled "Information Disclosure Statement By Applicant."

This Information Disclosure Statement is being submitted before receipt of a first Office Action on the merits of the application.

Please charge any fees incurred in connection with this submission to Deposit Account No. 13-0017 in the name of McAndrews, Held & Malloy, Ltd.

Respectfully submitted,



Robert W. Fieseler
Registration No. 31,826
Attorney for Applicants

McANDREWS, HELD & MALLOY, LTD.
500 West Madison Street, 34th Floor
Chicago, Illinois 60661

Telephone (312) 775-8000
Facsimile (312) 775-8100

Dated: February 9, 2004

PTO/SB/08A (08-03)
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet	1	of	2

Complete if Known	
Application Number	10/689,876
Filing Date	October 20, 2003
First Named Inventor	Shanna D. Knights
Group Art Unit	1745
Examiner Name	Not assigned
Attorney Docket Number	12622US02

U.S. PATENT DOCUMENTS

Examiner Initial*	Cite No.[1]	Document Number Number-Kind Code [2] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	A1	4,454,169	06/1984	Hinden et al.	
	A2	4,716,087	12/1987	Ito et al.	
	A3	5,681,435	10/1997	Joshi et al.	
	A4	5,871,860	02/1999	Frost et al.	
	A5	5,904,832	05/1999	Clifford et al.	
	A6	6,007,934	12/1999	Auer et al.	
	A7	6,165,635	12/2000	Auer et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. [1]	Foreign Patent Document Country Code[3]-Number [4]-Kind Code [5] *(if known)*	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T[6]
	A8	EP 0047595	04/1985			
	A9	EP 0827225	03/1998			
	A10	PCT WO 99/53557	10/1999			
	A11	EP 450849	01/2000			
	A12	EP 872906	10/2000			
	A13	PCT WO 01/15247	03/2001			
	A14	JP 09-035736	07/1997			
	A15	JP 10-270057	01/2002			
	A16	EP 0716463	06/1992			

OTHER ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
	A17	Kinoshita, "Carbon: Electrochemical and Physicochemical Properties", John Wiley & Sons, Inc., New York, USA pp. 390-391, 1988
	A18	Hamnett et al., "Nafion®-bonded porous titanium oxide electrodes for oxygen evolution: towards a regenerative fuel cell," *J. of Applied Electrochemistry, 21:982-985*, 1991
	A19	WANG et al., *"Simulation Studies on the Fuel Electrode of a H_2-O_2 Polymer Electrolyte Fuel Cell,"* Electrochimica Acta, Vol. 37 No. 15, pp. 2737-2745, 1992

EXAMINER SIGNATURE		DATE CONSIDERED	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. [1]Applicant's unique citation designation number (optional). [2]See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. [3] Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). [4]For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. [5]Kind of document by the appropriate symbols as indicated on the document under WIPO Standard St. 16 if possible. [6]Applicant is to place a check mark here if English language Translation is attached.

PTO/SB/08A (10-01)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary))

Sheet	2	Of	2

Complete if Known	
Application Number	10/689,876
Filing Date	October 20, 2003
First Named Inventor	1745
Group Art Unit	1745
Examiner Name	Not assigned
Attorney Docket Number	12622US02

OTHER ART -- NON PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
	A20	SAVADOGO, "New Materials for Water Electrolysis and Photoelectrolysis," *Hydrogen Energy World Conference*, pp. 2065-2092, 1996
	A21	KORDESCH and SIMADER, "Fuel Cells and Their Applications," VCH Publishers, Inc., 1996
	A22	"Regenerative Fuel Cell Subsystems", *Electrochemistry Course 869 at Simon Fraser University*, pp. 1-12, 11/1996
	A23	RALPH et al., "Low Cost Electrodes for Proton Exchange Membrane Fuel Cells", *Journal Of The Electrochemical Society, 144(11)*:3845-3857, 11/1997
	A24	BOYER et al., *"Measurements of Proton Conductivity in the Active Layer of PEM Fuel Cell Gas Diffusion Electrodes,"* Electrochimica Acta, Vol. 43, No. 24, pp. 3703-09, 1998
	A25	MARR et al., *"Composition and Performance Modeling of Catalyst Layer in a Proton Exchange Membrane Fuel Cell,"* Journal of Power Sources, Vol. 77 No.1, pp. 17-27, 1999

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

[1]Applicant's unique citation designation number (optional). [2]See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. [3] Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). [4]For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. [5]Kind of document by the appropriate symbols as indicated on the document under WIPO Standard St. 16 if possible. [6]Applicant is to place a check mark here if English language Translation is attached.